

Title (en)

BONE MARROW ADIPOSE PORTION ISOLATION DEVICE AND METHODS

Title (de)

VORRICHTUNG UND VERFAHREN ZUR ISOLIERUNG ADIPÖSER KNOCHENMARKTEILE

Title (fr)

DISPOSITIF ET PROCÉDÉS D'ISOLEMENT DE PARTIE ADIPEUSE DE MOELLE OSSEUSE

Publication

**EP 3030279 B1 20201104 (EN)**

Application

**EP 14834894 A 20140806**

Priority

- US 201361862837 P 20130806
- US 2014049992 W 20140806

Abstract (en)

[origin: WO2015021189A1] The embodiments disclosed herein generally relate to systems, devices and methods for the fractionation, isolation, extraction and processing of the adipose supernatant layer of a bone marrow aspirate. In particular, the various embodiments relate to systems devices and methods of obtaining, utilizing and processing the adipose supernatant layer of a bone marrow aspirate as a source of mesenchymal stem cells.

IPC 8 full level

**A61M 1/02** (2006.01); **B01L 3/00** (2006.01)

CPC (source: EP US)

**A61K 35/28** (2013.01 - US); **A61M 1/029** (2013.01 - EP US); **A61M 1/3693** (2013.01 - US); **A61P 43/00** (2017.12 - EP);  
**B01D 21/26** (2013.01 - US); **B01D 21/262** (2013.01 - US); **B01L 3/50215** (2013.01 - EP US); **B04B 7/08** (2013.01 - US);  
**C12M 33/04** (2013.01 - US); **C12M 45/04** (2013.01 - US); **C12N 5/0663** (2013.01 - US); **C12N 5/0667** (2013.01 - US);  
**C12N 5/0669** (2013.01 - US); **G01N 33/491** (2013.01 - US); **G01N 33/6872** (2013.01 - US); **A61M 2202/08** (2013.01 - EP US);  
**A61M 2202/10** (2013.01 - EP US); **B01L 2200/025** (2013.01 - US); **B01L 2300/044** (2013.01 - US); **B01L 2300/0861** (2013.01 - US);  
**B01L 2300/0864** (2013.01 - EP US); **B01L 2400/0409** (2013.01 - US)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

**WO 2015021189 A1 20150212**; EP 3030279 A1 20160615; EP 3030279 A4 20170308; EP 3030279 B1 20201104; HK 1226002 A1 20170922;  
JP 2016533811 A 20161104; JP 6452695 B2 20190116; KR 102349673 B1 20220111; KR 20160039565 A 20160411;  
US 10537596 B2 20200121; US 2016298076 A1 20161013; US 2018305655 A1 20181025; US 2020129560 A1 20200430;  
US 2022184135 A1 20220616; US 9976115 B2 20180522

DOCDB simple family (application)

**US 2014049992 W 20140806**; EP 14834894 A 20140806; HK 16114219 A 20161214; JP 2016533410 A 20140806;  
KR 20157027274 A 20140806; US 201414778530 A 20140806; US 201815958940 A 20180420; US 201916730408 A 20191230;  
US 202217569738 A 20220106